

LOCATION	METERING	DATA LOGGING
SITE ENTRY	65 CW MASTER METER	YES
CAFE	1 x 25 CW SUB METER	YES
WAREHOUSE 1	1 x 32 CW SUB METER FOR WH1 1 x 25 RWR SUB METER FOR WH1 1 x 20 CW SUB METER FOR DOCK OFFICE 1 x 20 CW SUB METER FOR HWU 1 x 20 RWR SUB METER FOR DOCK OFFICE 1 x 20 CW SUB METER FOR AMENITIES 1 x 20 CW SUB METER FOR HWU 1 x 20 RWR SUB METER FOR AMENITIES 1 x 20 CW SUB METER FOR OFFICE 1 1 x 20 CW SUB METER FOR SOLAR 1 x 20 RWR SUB METER FOR OFFICE 1	YES YES YES YES YES YES YES YES YES YES YES
WAREHOUSE 2	1 x 40 CW SUB METER FOR WH2 1 x 25 RWR SUB METER FOR WH2 1 CW SUB METER FOR AMENITIES 1 RWR SUB METER FOR AMENITIES 1 x 25 CW SUB METER FOR OFFICE 2 1 x 20 CW SUB METER FOR SOLAR 1 x 20 RWR SUB METER FOR OFFICE 2	YES YES YES YES YES YES YES
WAREHOUSE 3	1 x 40 CW SUB METER FOR WH3 1 x 25 RWR SUB METER FOR WH3 1 x 20 CW SUB METER FOR OFFICE 2 1 x 20 CW SUB METER FOR SOLAR 1 x 25 RWR SUB METER FOR OFFICE 2	YES YES YES YES YES
LANDSCAPE	1 x 32 CW SUB METER FOR RWR PLANT 1 x 32 RWR SUB METER FOR IRRIGATION	YES YES

A 3D LOGGER METER & ELECTRICIAN TO PROVIDE WATT WATCHER METERS THAT ARE BOTH COMPATIBLE WITH AUTOMATIC MONITORING SYSTEM.

APPLICATION NUMBER: H13957
PRESSURE INQUIRY DATED: 11/4/2021
PROPERTY ADDRESS: 377-335 BURLEY ROAD, HORSELY PARK 2175
APPROX. GROUND LEVEL (AHD): 87m
NORMAL SIZE OF WATER MAIN (DN): PROPOSED 150mm

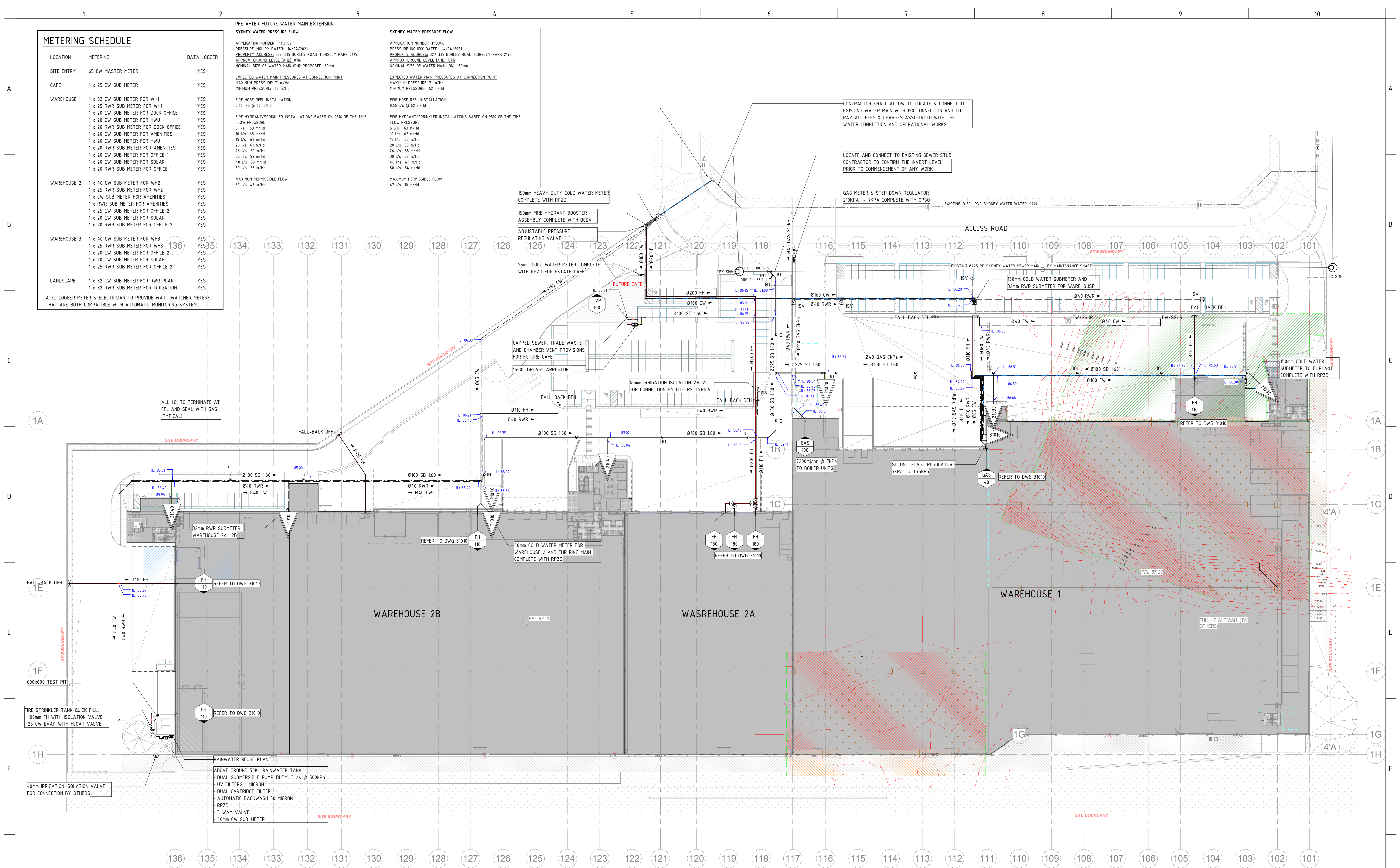
EXPECTED WATER MAIN PRESSURES AT CONNECTION POINT
MAXIMUM PRESSURE: 71 m/Hd
MINIMUM PRESSURE: 6 m/Hd

FIRE HOSE REEL INSTALLATION
0.66 l/s @ 62 m/Hd

FIRE HYDRANT/SPRINKLER INSTALLATIONS BASED ON 95% OF THE
FLOW PRESSURE
5 l/s 63 m/Hd
10 l/s 63 m/Hd
15 l/s 62 m/Hd
20 l/s 61 m/Hd
26 l/s 60 m/Hd
30 l/s 59 m/Hd
4.0 l/s 56 m/Hd
50 l/s 53 m/Hd

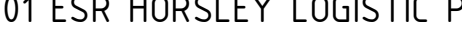
MAXIMUM REDUCIBLE FLOW
62 l/s 43 m/Hd

APPLICATION NUMBER: HT066
 PRESSURE RISE DATE: 9/4/2021
 PROPERTY ADDRESS: 377-395 BURLEY ROAD, HORSELEY PARK 217
 APPROX. GROUND LEVEL (AHJ): 8m
 NOMINAL SIZE OF WATER MAIN (LOD): 150mm
 EXPECTED WATER MAIN PRESSURES AT CONNECTION POINT
 MAXIMUM PRESSURE: 71 m/Hd
 MINIMUM PRESSURE: 62 m/Hd
 FIRE HOSE REEL INSTALLATION:
0.66 l/s @ 62 m/Hd
 FIRE HYDRANT/SPRINKLER INSTALLATIONS BASED ON 95% OF THE
 FLOW PRESSURE:
 5 l/s 63 m/Hd
 10 l/s 62 m/Hd
 15 l/s 60 m/Hd
 20 l/s 58 m/Hd
 26 l/s 55 m/Hd
 30 l/s 52 m/Hd
 40 l/s 44 m/Hd
 50 l/s 34 m/Hd
 MAXIMUM PERMISSIBLE FLOW
52 l/s 10 m/Hd



HYDRAULIC SERVICES
SITE PLAN

[illegible]

		PROJECT LOT 201 ESR HORSLEY LOGISTIC PARK		SPARKS+PARTNERS CONSULTING ENGINEERS sparksandpartners.com.au Level 1, 81 George Street Parramatta NSW 2150 P 02 3651 5535 E admin@sparksandpartners.com.au		DRAWING TITLE HYDRAULIC SERVICES SITE PLAN			
CLIENT  ESR		BUILDER  HANSEN YUNCKEN Sydney Corporate Park (SCP) Building 1, Level 3, 75-80 O'Riordan Street Alexandria NSW 2015 T 02 9770 7600 sydney@hansenyuncken.com.au		ARCHITECT  hla architects		SPARKS+PARTNERS CONSULTING ENGINEERS sparksandpartners.com.au Level 1, 81 George Street Parramatta NSW 2150 P 02 3651 5535 E admin@sparksandpartners.com.au		DRAWING TITLE HYDRAULIC SERVICES SITE PLAN	
MECHANICAL		DATE APRIL 2021		DRAWN LS		DESIGNED LS		CHECKED LD	
ELECTRICAL		SCALE 1 : 500		SIZE B1		REVISION			
CIVIL		PROJ.ECT No 21101		DRAWING No SAP-HD-14/010		REVISION C			